

### What is Claimed is:

1. A portable expansion apparatus for a digital camera, comprising:

a body having a wireless communication means located therein;

a screw mounted on the outer surface of the body for engaging with a screw bore  
located at the bottom side of the digital camera; and

a signal connection cable having one end electrically connecting to the wireless  
communication means;

wherein the apparatus is assembled to the digital camera through engaging the  
screw with the screw bore of the camera and plugging another end of the signal  
connection cable to a signal jack located in the digital camera that links to a  
memory unit of the digital camera such that images stored in the memory unit is  
capable of being transmitted through the signal connection cable to the wireless  
communication means and from the wireless communication means to other  
wireless communication enabled devices.

2. The portable expansion apparatus of claim 1 further having a power supply cable  
and the body having a housing chamber formed inside thereof and a lid, the chamber  
having at least a pair of electric contacts located at two ends thereof for electrically  
connecting with the power supply cable, the lid being located at one side of the body  
and having one edge pivotally engaged with the body for opening the chamber such that  
the chamber is capable of housing a battery therein to connect electrically with the  
electric contacts to provide the digital camera electric power supply needed when the  
power supply cable is plugged to a power jack located in the digital camera.

3. The portable expansion apparatus of claim 2, wherein the body further has a notch  
for engaging with a mating bulged lug located on the lid.

4. The portable expansion apparatus of claim 2, wherein the chamber has a space for  
housing a selected number of a selected type battery.

5. The portable expansion apparatus of claim 1, wherein the signal connection cable

is Universal Serial Bus (USB).

6. The portable expansion apparatus of claim 1, wherein the signal connection cable is Recommended Standard-232 (RS-232).